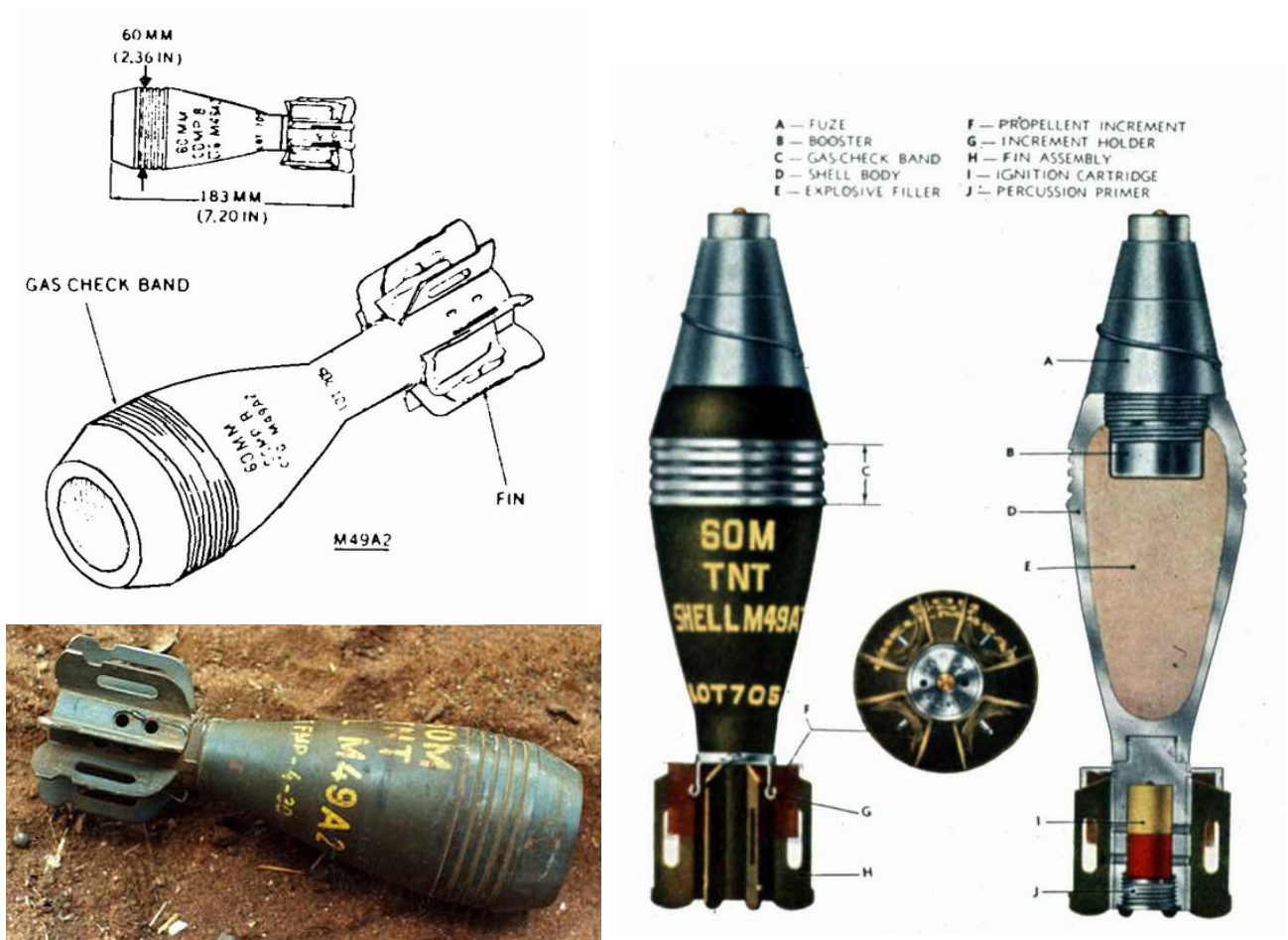


Mortar, 60 mm, HE, M49A2



Description :

These are fin stabilized, mortar fired, high explosive projectiles.

The projectiles are painted olive drab with yellow identification markings.

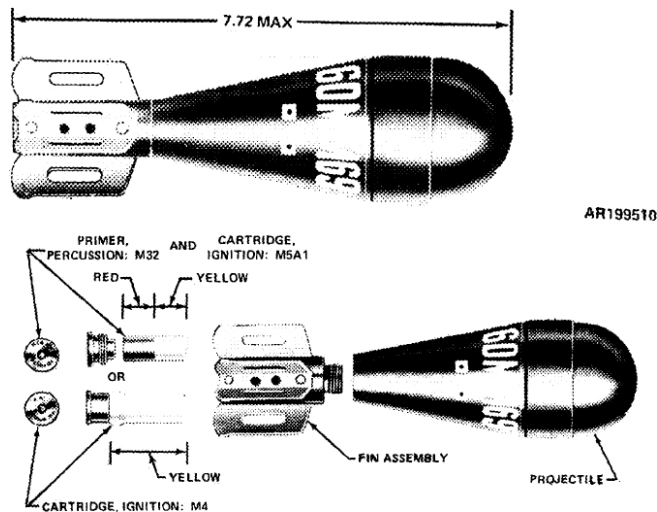
- Dimensions
 - Length – 183.00 mm
 - Diameter – 60.00 mm
 - Weight – 1.41 kg

Hazardous Components :

- Explosive Filler – Composition B, 190.00 g

Source: ORDATA Online (<http://www.maic.jmu.edu/ordata/search.asp?SearchMode=1>)
 NAVEODTECHDIV, ATTN: Code 602, 2008 Stump Neck Road, Indian Head, MD, USA,
 20640-5070

Mortar, 60 mm, Training, M69



Use :

This cartridge is used for training in the loading and firing of 60mm mortars M2 and M19.

Description :

Unlike other mortar ammunition, the components of this round are issued separately. This facilitates replacement of damaged, worn, or expended parts. The complete round consists of an inert projectile, a fin assembly, an ignition cartridge, and a percussion primer. The pear-shaped, cast iron projectile has no provision for a fuze and is internally threaded at the base to accept the fin assembly.

- Dimensions
 - Length, complete - 7.72 inches
- Weights
 - Complete - 4.43 lbs

Markings :

Black or blue with white markings.

Operation :

When the cartridge is loaded, it slides down the mortar tube until the percussion primer in the ignition cartridge strikes the firing pin in the base cap of the mortar. The primer detonates the ignition cartridge. Since this round is fired only at Charge 0, the gases from the ignition cartridge expel the projectile from the mortar tube and propel it to the target. The projectile is fin-stabilized in flight. Since the cartridge is inert, there is no detonation upon impact and the cartridge may be recovered for reuse.

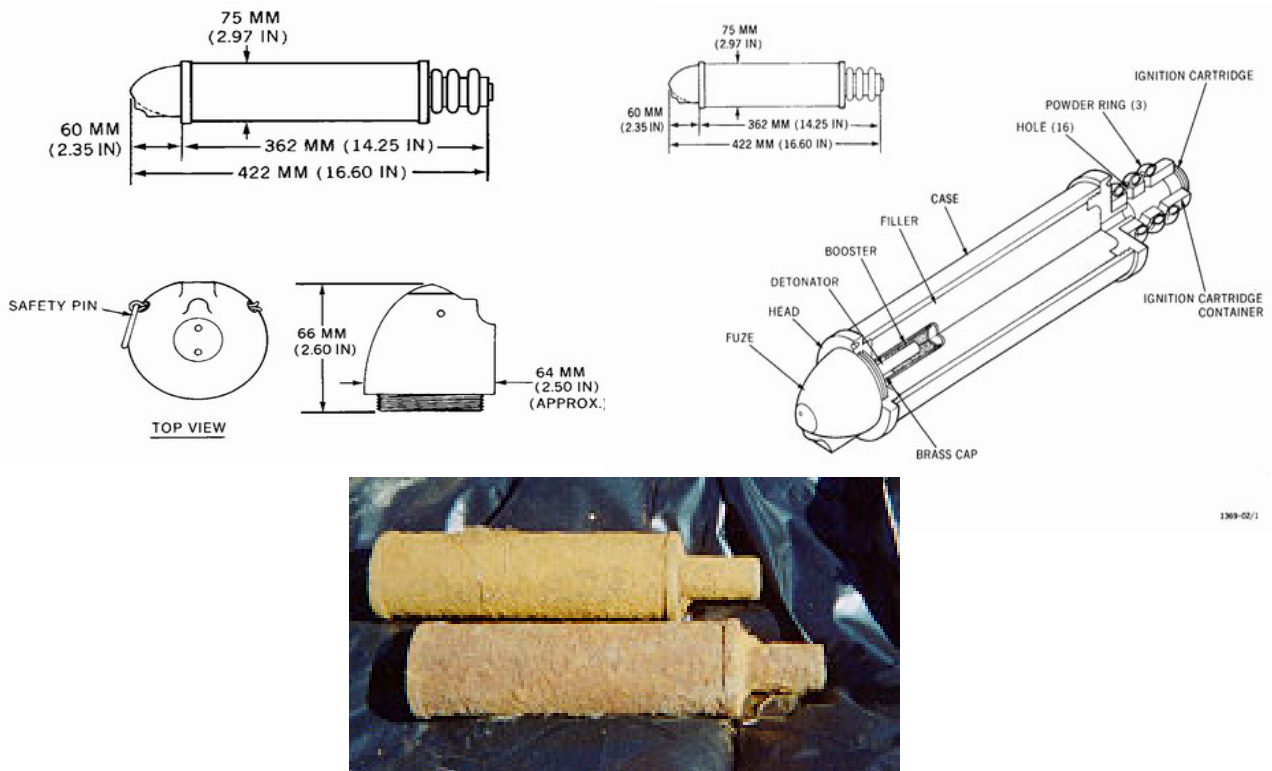
Mortar, 60 mm Training, M69 (Con't.)

Hazardous Components :

- Ignition cartridge - M4, M5A1
- Propellant - None
- Primer - M32

Sources: ⁽¹⁾ dudbusters.com (<http://www.dudbusters.com/library/online.htm>)
⁽²⁾ ORDATA Online (<http://www.maic.jmu.edu/ordata/search.asp?SearchMode=1>)
NAVEODTECHDIV, ATTN: Code 602, 2008 Stump Neck Road, Indian Head, MD,
USA, 20640-5070

Mortar, 3 inch Practice, Mk I (Stokes)



Description :*

The Stokes is a mortar-fired practice cartridge. They use a Mk VI fuze, which is a setback-armed, impact-inertia fired, all-way fuze.

The heads of all cases are stamped with the name and mark number of the case, lot number of unfilled cases, inspectors stamp, and initials or symbol of manufacturer of metal parts. The cases are stenciled to show the caliber and type, mark number, filler, lot number, and the date and place loaded. The ignition cartridge has a green case with a brass base, the bottom of which is stamped with its mark number and the manufacturer's initials or symbol. The fuze is painted black and stamped with the manufacturer's initials or symbol of the loading plant, and month and year of loading.

- Dimensions
 - Length – 362.00 mm
 - Diameter – 75.00 mm
 - Weight – 5.7 kg

***Source:** ORDATA Online (<http://www.maic.jmu.edu/ordata/search.asp?SearchMode=1>)
 NAVEODTECHDIV, ATTN: Code 602, 2008 Stump Neck Road, Indian Head, MD, USA,
 20640-5070